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WZ

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A process for producing a cold-rolled ferritic/martensitic dual-phase steel strip, wherein a slab, the chemical composition of which comprises, by weight:

$0.010\% \leq C \leq 100\%$

$0.050\% \leq Mn \leq 1.0\%$

$0.010\% \leq Cr \leq 1.0\%$

$0.010\% \leq Si \leq 0.50\%$

$0.001\% \leq P \leq 0.20\%$

$0.010\% \leq Al \leq 0.10\%$

$N \leq 0.010\%$

the balance being iron and impurities resulting from the smelting, is hot rolled, said process then comprising:

- coiling the hot-rolled strip obtained at a temperature of between 550 and 850°C;

then

- cold rolling the strip with a reduction ratio of between 60 and 90%; then
- annealing the strip continuously in the intercritical range; and
- cooling it down to the ambient temperature in one or more steps, the cooling

rate between 600°C and the ambient temperature being between 100°C/s and 1500°C/s; and

- optionally tempering it at a temperature ~~below 300°C~~ less than 250°C,

the annealing and cooling operations being carried out in such a way that the strip finally contains from 1 to 15% martensite.